

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	("4700302").URPN.	USPAT	OR	OFF	2005/02/15 10:44
L2	6	("3715572"   "4309758"   "4437533"   "4500970"   "4541060"   "4556940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/15 10:46
L3	9	("4628453"   "4652803"   "4819169"   "4862047"   "4905151"   "4931937"   "4954962"   "5040116"   "5087969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/15 10:51
L4	17	("5220508").URPN.	USPAT	OR	OFF	2005/02/15 10:55
L5	20	robot\$1 near8 (intend\$2 near3 (motion\$1 movement\$1))	USPAT	OR	OFF	2005/02/15 10:57
L6	47	robot\$1.ti.ab. and (intend\$2 near3 (motion\$1 movement\$1))	USPAT	OR	OFF	2005/02/15 10:57
L7	59	robot\$1.ti.ab. and (intend\$2 near3 (motion\$1 movement\$1))	US-PGPUB; USPAT	OR	OFF	2005/02/15 11:00
L8	27	robot\$1 near8 (intend\$2 near3 (motion\$1 movement\$1))	US-PGPUB; USPAT	OR	OFF	2005/02/15 10:57
L12	10	("5652489").URPN.	USPAT	OR	OFF	2005/02/15 11:23
S1	1	("5652489").PN.	USPAT; USOCR	OR	OFF	2004/03/05 11:24
S2	109	382/153.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/03 13:57
S3	562	180/167.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 12:17
S4	475	318/587.ccls.	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:06
S5	256	382/104.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 12:12
S6	81	348/113.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/03 14:12
S7	34	(michael near1 burl).in.	US-PGPUB; USPAT	OR	OFF	2004/03/03 14:29
S8	125	348/118.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 11:33
S9	329	700/259.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 11:33
S10	72	700/259.ccls. and (mobile vehicle\$1)	US-PGPUB; USPAT	OR	OFF	2004/03/05 11:34
S11	45	382/104.ccls. and (robot\$3)	US-PGPUB; USPAT	OR	OFF	2004/03/05 12:15
S12	8	382/104.ccls. and (driverless unmanned)	US-PGPUB; USPAT	OR	OFF	2004/03/05 12:15
S13	123	180/167.ccls. and (robot\$3 driverless unmanned)	US-PGPUB; USPAT	OR	OFF	2004/03/05 12:33
S14	68	348/119.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 12:43
S15	186	701/28.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 14:27

S16	363	901/1.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 14:27
S17	86	901/1.ccls. and image\$1	US-PGPUB; USPAT	OR	OFF	2004/03/05 14:44
S18	1	slam same robot\$1	US-PGPUB; USPAT	OR	OFF	2004/03/05 14:51
S19	6621	moving same robot\$1	US-PGPUB; USPAT	OR	OFF	2004/03/05 14:53
S20	1	(motional adj stat\$2) and robot\$1	US-PGPUB; USPAT	OR	OFF	2004/03/05 14:52
S21	0	("not" adj moving) and robot\$1	US-PGPUB; USPAT	OR	OFF	2004/03/05 15:10
S22	16	((motion movement) adj determination) and (robot\$1 driverless unmanned)	US-PGPUB; USPAT	OR	OFF	2004/03/05 15:40
S23	18	((motion movement) adj determination) and (robot\$1 driverless unmanned autonomous)	US-PGPUB; USPAT	OR	OFF	2004/03/05 15:44
S24	256	((motion movement) near3 intended) and (robot\$1 driverless unmanned autonomous)	US-PGPUB; USPAT	OR	OFF	2004/03/05 15:44
S25	95	((motion movement) near3 intended) and (robot\$1 driverless unmanned autonomous) and image\$1	US-PGPUB; USPAT	OR	OFF	2005/02/13 20:05
S26	30	((motion movement) near3 intended) and (robot\$1 driverless unmanned autonomous) and image\$1 and mobile	US-PGPUB; USPAT	OR	OFF	2004/03/05 15:54
S27	866	"382"/\$.ccls. and robot\$1 not 382/153.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/05 15:55
S28	633	("382"/\$.ccls. and robot\$1 not 382/153.ccls. ) and (movement motion moving)	US-PGPUB; USPAT	OR	OFF	2004/03/05 16:01
S29	52	((("382"/\$.ccls. and robot\$1 not 382/153. ccls.) and (movement motion moving)) and mobile near3 robot\$1	US-PGPUB; USPAT	OR	OFF	2004/03/05 15:55
S30	114	((movement motion moving) and (mobile robot\$1 autonomous driverless unmanned)). ti,ab. and ("382"/\$.ccls. "348"/\$.ccls.)	US-PGPUB; USPAT	OR	OFF	2004/03/05 16:05
S31	8	("3720281"   "3893536"   "3970160"   "4226292"   "4306329"   "4344498"   "4357562"   "4379497").PN.	USPAT	OR	OFF	2004/03/10 12:51
S32	6	"4486694".URPN.	USPAT	OR	OFF	2004/03/10 12:52
S33	7	("4014000"   "4146924"   "4380696"   "4458321"   "4486775"   "4504970"   "4611347").PN.	USPAT	OR	OFF	2004/03/10 12:53
S34	14	"4652803".URPN.	USPAT	OR	OFF	2004/03/10 12:54
S35	11	("3459392"   "3638188"   "4017985"   "4119900"   "4179693"   "4294544"   "4449123"   "4451929"   "4489389"   "4514733"   "4628453").PN.	USPAT	OR	OFF	2004/03/10 12:58
S36	8	"4799267".URPN.	USPAT	OR	OFF	2004/03/10 12:59

S37	11	("3459392"   "3638188"   "4017985"   "4119900"   "4179693"   "4294544"   "4449123"   "4451929"   "4489389"   "4514733"   "4628453").PN.	USPAT	OR	OFF	2004/03/10 12:59
S38	2	("4707647"   "4731860").PN.	USPAT	OR	OFF	2004/03/10 13:00
S39	22	"4819169".URPN.	USPAT	OR	OFF	2004/03/10 13:00
S40	8	("4437533"   "4541049"   "4566032"   "4588041"   "4593239"   "4613804"   "4658928"   "4665487").PN.	USPAT	OR	OFF	2004/03/10 13:21
S41	24	"4847774".URPN.	USPAT	OR	OFF	2004/03/10 13:24
S42	24	"4847774".URPN.	USPAT	OR	OFF	2004/03/10 13:26
S43	1	"4566032".PN.	USPAT	OR	OFF	2004/03/10 13:26
S44	19	"4862047".URPN.	USPAT	OR	OFF	2004/03/10 13:26
S45	1	"4731860".PN.	USPAT	OR	OFF	2004/03/10 13:30
S46	28	"4868752".URPN.	USPAT	OR	OFF	2004/03/10 13:30
S47	3	("4805018"   "4853775"   "4872051").PN.	USPAT	OR	OFF	2004/03/10 13:44
S48	14	"4969036".URPN.	USPAT	OR	OFF	2004/03/10 13:45
S49	17	("3772516"   "4064533"   "4257703"   "4316218"   "4405949"   "4409661"   "4443855"   "4449144"   "4539590"   "4651211"   "4660072"   "4677786"   "4692069"   "4814629"   "4884136"   "4885631"   "4912770").PN.	USPAT	OR	OFF	2004/03/10 13:46
S50	31	"5109425".URPN.	USPAT	OR	OFF	2004/03/10 13:48
S51	6	("4819169"   "4905151"   "4926346"   "4954962"   "4970653"   "5101351").PN.	USPAT	OR	OFF	2004/03/10 13:51
S52	11	"5233527".URPN.	USPAT	OR	OFF	2004/03/10 13:51
S53	4	("5081585"   "5122957"   "5170352"   "5249126").PN.	USPAT	OR	OFF	2004/03/10 13:53
S54	2	"5436839".URPN.	USPAT	OR	OFF	2004/03/10 13:53
S55	11	("3553438"   "4278142"   "4566032"   "4727471"   "4862047"   "5041722"   "5051906"   "5155684"   "5260556"   "5296924"   "5525883").PN.	USPAT	OR	OFF	2004/03/10 13:54
S56	7	"5911767".URPN.	USPAT	OR	OFF	2004/03/10 13:54
S57	6	("4797942"   "4799267"   "5202928"   "5259040"   "5818959"   "6047078").PN.	USPAT	OR	OFF	2004/03/10 13:55
S58	0	"6307959".URPN.	USPAT	OR	OFF	2004/03/10 13:56

S59	55	("0367420" "2770074" "3088157" "3952361" "3963096" "4114711" "4161793" "4306329" "4515235" "4674048" "4700427" "4702718" "4782550" "4811228" "4847769" "4933864" "4962453" "4977639" "5012886" "5051906" "5109566" "5111401" "5155684" "5220263" "5276618" "5279672" "5293955" "5321614" "5341540" "5440216" "5451014" "5570285" "5613261" "5622236" "5636402" "5749058" "5787545" "5815880" "5883861" "5894621" "5903124" "5904196" "5917442" "5919078" "5940927" "5942869" "5943009" "5974347" "5988306" "5995884" "5999866" "6076025" "6076226" "6119057" "6338013").PN.	USPAT	OR	OFF	2004/03/10 13:56
S60	2	"6459955".URPN.	USPAT	OR	OFF	2004/03/10 13:56
S61	35	(US-5652489-\$ or US-6307959-\$ or US-5793900-\$ or US-5109425-\$ or US-4868752-\$ or US-4799267-\$ or US-4119900-\$ or US-6459955-\$ or US-6085131-\$ or US-5758298-\$ or US-5019990-\$ or US-4862047-\$ or US-4652803-\$ or US-4779203-\$ or US-4486694-\$ or US-4789940-\$ or US-5436839-\$ or US-4653002-\$ or US-4847774-\$ or US-5109345-\$ or US-4819169-\$ or US-5103305-\$ or US-4969036-\$ or US-5170352-\$ or US-4628453-\$ or US-5233527-\$).did. or (US-4541049-\$ or US-5911767-\$ or US-4853775-\$ or US-4884136-\$ or US-4912770-\$ or US-5259040-\$).did. or (US-20040017937-\$ or US-20020099481-\$ or US-20030007682-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/03/10 13:59

S62	8	(((("3720281"   "3893536"   "3970160"   "4226292"   "4306329"   "4344498"   "4357562"   "4379497").PN.) "4486694". URPN. (("4014000"   "4146924"   "4380696"   "4458321"   "4486775"   "4504970"   "4611347").PN.) "4652803". URPN. (("3459392"   "3638188"   "4017985"   "4119900"   "4179693"   "4294544"   "4449123"   "4451929"   "4489389"   "4514733"   "4628453").PN.) "4799267".URPN. (("3459392"   "3638188"   "4017985"   "4119900"   "4179693"   "4294544"   "4449123"   "4451929"   "4489389"   "4514733"   "4628453").PN.) (("4707647"   "4731860"). PN.) "4819169".URPN. (("4437533"   "4541049"   "4566032"   "4588041"   "4593239"   "4613804"   "4658928"   "4665487").PN.) "4847774".URPN. "4847774".URPN. "4566032".PN. "4862047".URPN. "4731860".PN. "4868752".URPN. (("4805018"   "4853775"   "4872051").PN.) "4969036". URPN. (("3772516"   "4064533"   "4257703"   "4316218"   "4405949"   "4409661"   "4443855"   "4449144"   "4539590"   "4651211"   "4660072"   "4677786"   "4692069"   "4814629"   "4884136"   "4885631"   "4912770").PN.) "5109425".URPN. (("4819169"   "4905151"   "4926346"   "4954962"   "4970653"   "5101351").PN.) "5233527". URPN. (("5081585"   "5122957"   "5170352"   "5249126").PN.) "5436839". URPN. (("3553438"   "4278142"   "4566032"   "4727471"   "4862047"   "5041722"   "5051906"   "5155684"   "5260556"   "5296924"   "5525883").PN.) "5911767".URPN. (("4797942"   "4799267"   "5202928"   "5259040"   "5818959"   "6047078").PN.) "6307959". URPN. (("0367420"   "2770074"   "3088157"   "3952361"   "3963096"   "4114711"   "4161793"   "4306329"   "4515235"   "4674048"   "4700427"   "4702718"   "4782550"   "4811228"   "4847769"   "4933864"   "4962453"   "4977639"   "5012886"   "5051906"   "5109566"   "5111401"   "5155684"   "5220263"   "5276618"   "5279672"   "5293955"   "5321614"   "5341540"   "5440216"   "5451014"   "5570285"   "5613261"   "5622236"   "5636402"   "5749058"   "5787545"   "5815880"   "5883861"   "5894621"   "5903124"   "5904196"   "5917442"   "5919078"   "5940927"   "5942869"   "5943009"   "5974347"   "5988306"   "5995884"   "5999866"   "6076025"   "6076226"   "6119057"   "6338013").PN.) "6459955". URPN. ((US-5652489-\$ or US-6307959-\$ or US-5793900-\$ or US-5109425-\$ or US-489332-\$ or US-4799267-\$ or US-4119900-\$ or US-6459955-\$ or	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:21
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S63	5	("3925641"   "4278142"   "4328545"   "4500970"   "4541049").PN.	USPAT	OR	OFF	2004/03/10 14:03
S64	18	"4628453".URPN.	USPAT	OR	OFF	2004/03/10 14:03
S65	18	"4628453".URPN.	USPAT	OR	OFF	2004/03/10 14:04
S66	14	("3612206"   "3628624"   "3715572"   "3881568"   "3925641"   "3935922"   "4278142"   "4307329"   "4307791"   "4309758"   "4310789"   "4329632"   "4403291"   "4424875").PN.	USPAT	OR	OFF	2004/03/10 14:05
S67	16	"4541049".URPN.	USPAT	OR	OFF	2004/03/10 14:05
S68	443	("382"/\$.ccls. "348"/\$.ccls.) and motion and gradient and threshold\$3 and binar\$6	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:06
S69	45	("382"/\$.ccls. "348"/\$.ccls.) and motion and ((sobel gradient) same threshold\$3 same binar\$6)	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:26

S70	11	(((("3720281"   "3893536"   "3970160"   "4226292"   "4306329"   "4344498"   "4357562"   "4379497").PN.) "4486694". URPN. (("4014000"   "4146924"   "4380696"   "4458321"   "4486775"   "4504970"   "4611347").PN.) "4652803". URPN. (("3459392"   "3638188"   "4017985"   "4119900"   "4179693"   "4294544"   "4449123"   "4451929"   "4489389"   "4514733"   "4628453").PN.) "4799267".URPN. (("3459392"   "3638188"   "4017985"   "4119900"   "4179693"   "4294544"   "4449123"   "4451929"   "4489389"   "4514733"   "4628453").PN.) (("4707647"   "4731860"). PN.) "4819169".URPN. (("4437533"   "4541049"   "4566032"   "4588041"   "4593239"   "4613804"   "4658928"   "4665487").PN.) "4847774".URPN. "4847774".URPN. "4566032".PN. "4862047".URPN. "4731860".PN. "4868752".URPN. (("4805018"   "4853775"   "4872051").PN.) "4969036". URPN. (("3772516"   "4064533"   "4257703"   "4316218"   "4405949"   "4409661"   "4443855"   "4449144"   "4539590"   "4651211"   "4660072"   "4677786"   "4692069"   "4814629"   "4884136"   "4885631"   "4912770").PN.) "5109425".URPN. (("4819169"   "4905151"   "4926346"   "4954962"   "4970653"   "5101351").PN.) "5233527". URPN. (("5081585"   "5122957"   "5170352"   "5249126").PN.) "5436839". URPN. (("3553438"   "4278142"   "4566032"   "4727471"   "4862047"   "5041722"   "5051906"   "5155684"   "5260556"   "5296924"   "5525883").PN.) "5911767".URPN. (("4797942"   "4799267"   "5202928"   "5259040"   "5818959"   "6047078").PN.) "6307959". URPN. (("0367420"   "2770074"   "3088157"   "3952361"   "3963096"   "4114711"   "4161793"   "4306329"   "4515235"   "4674048"   "4700427"   "4702718"   "4782550"   "4811228"   "4847769"   "4933864"   "4962453"   "4977639"   "5012886"   "5051906"   "5109566"   "5111401"   "5155684"   "5220263"   "5276618"   "5279672"   "5293955"   "5321614"   "5341540"   "5440216"   "5451014"   "5570285"   "5613261"   "5622236"   "5636402"   "5749058"   "5787545"   "5815880"   "5883861"   "5894621"   "5903124"   "5904196"   "5917442"   "5919078"   "5940927"   "5942869"   "5943009"   "5974347"   "5988306"   "5995884"   "5999866"   "6076025"   "6076226"   "6119057"   "6338013").PN.) "6459955". URPN. ((US-5652489-\$ or US-6307959-\$ or US-5703900-\$ or US-5109425-\$ or US-4888171-\$ or US-4799267-\$ or US-449338-\$ or US-4119900-\$ or US-6459955-\$ or	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:23
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S71	667	382/236.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:24
S72	3	382/236.ccls. and motion and ((sobel gradient) same threshold\$3 same binar\$6)	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:25
S73	3	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and motion and ((sobel gradient) same threshold\$3 same binar\$6 same count)	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:27
S74	16	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and motion and ((compar\$ differnc\$5) same threshold\$3 same binar\$6 same count)	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:35
S75	9	("4661853"   "5627905"   "5731832"   "5973738"   "6035067"   "6061088"   "6091777"   "6108041"   "6118817").PN.	USPAT	OR	OFF	2004/03/10 15:30
S76	18	("4183013"   "4468704"   "4703512"   "4742552"   "4783829"   "4868871"   "4937878"   "4991009"   "4996594"   "5034986"   "5059796"   "5109425"   "5243418"   "5285273"   "5341142"   "5420638"   "5473378"   "5631975").PN.	USPAT	OR	OFF	2004/03/10 15:31
S77	2	("4626908"   "4685146").PN.	USPAT	OR	OFF	2004/03/10 15:32
S78	24	"4937878".URPN.	USPAT	OR	OFF	2004/03/10 15:33
S79	34	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and ((compar\$ difference\$5) same threshold\$3 same binar\$6 same count same (gradient\$1 sobel edge\$1 filter\$3))	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:45
S80	6	((("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and ((compar\$ difference\$5) same threshold\$3 same binar\$6 same count same (gradient\$1 sobel edge\$1 filter\$3))) and motion	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:39
S81	1	("5272527").PN.	USPAT; USOCR	OR	OFF	2004/03/10 16:36
S82	16	"5272527".URPN.	USPAT	OR	OFF	2004/03/10 15:40
S83	3	("5097328"   "5103306"   "5150212").PN.	USPAT	OR	OFF	2004/03/10 15:41
S84	405	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and motion.ti.ab. and ((compar\$6 differenc\$5) and threshold\$3 and binar\$6 and (gradient\$1 sobel edge\$1 filter\$3))	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:46
S85	110	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and motion.ti.ab. and ((compar\$6 differenc\$5) same threshold\$3 same binar\$6 and (gradient\$1 sobel edge\$1 filter\$3))	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:50
S86	273	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and motion and ((compar\$6 differenc\$5) with threshold\$3 with binar\$6 and (gradient\$1 sobel edge\$1 filter\$3))	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:50
S87	117	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and motion and (((compar\$6 differenc\$5) near6 threshold\$3) adj6 binar\$6) and (gradient\$1 sobel edge\$1 filter\$3))	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:53



S88	23	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and motion same (((compar\$6 differenc\$5) near6 threshold\$3) adj6 binar\$6) and (gradient\$1 sobel edge\$1 filter\$3)	US-PGPUB; USPAT	OR	OFF	2004/03/10 15:57
S89	12	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and ((detect\$5 determin\$6) adj2 motion) same (((compar\$6 differenc\$5) same threshold\$3) same binar\$6) and (gradient\$1 sobel edge\$1 filter\$3)	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:03
S90	5	("382"/\$.ccls. "375"/\$.ccls. "348"/\$.ccls.) and (binar\$6 adj (image\$1 frame\$1)) near6 (compar\$6 differenc\$6) near6 threshold\$4 same (number count) near6 threshold	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:06
S91	1394	("382"/\$.ccls.) and binar\$6 and (compar\$6 differenc\$6) and threshold\$4 and (number count) and motion	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:07
S92	203	("382"/\$.ccls.) and binar\$6 and (compar\$6 differenc\$6) and threshold\$4 and (number count) and motion.ti.ab.	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:07
S93	79	("382"/\$.ccls.) and binar\$6 same (compar\$6 differenc\$6) same threshold\$4 same (number count) and motion	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:08
S94	63	("382"/\$.ccls. "348"/\$.ccls.) and binar\$6 same (compar\$6 differenc\$6) same threshold\$4 same (number count) and ((detect\$6 determin\$6) near3 motion)	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:13
S95	2	("5109435"   "5166788").PN.	USPAT	OR	OFF	2004/03/10 16:12
S96	17	("3772516"   "4064533"   "4257703"   "4316218"   "4405949"   "4409661"   "4443855"   "4449144"   "4539590"   "4651211"   "4660072"   "4677786"   "4692069"   "4814629"   "4884136"   "4885631"   "4912770").PN.	USPAT	OR	OFF	2004/03/10 16:24
S97	13	("4090221"   "4240106"   "4249210"   "4275418"   "4291333"   "4307420"   "4352126"   "4361853"   "4485403"   "4498099"   "4539594"   "4546378"   "4605966").PN.	USPAT	OR	OFF	2004/03/10 16:26
S98	21	"4651211".URPN.	USPAT	OR	OFF	2004/03/10 16:27
S99	2	("4760446"   "4785351").PN.	USPAT	OR	OFF	2004/03/10 16:32
S100	23	"4884136".URPN.	USPAT	OR	OFF	2004/03/10 16:32
S101	5	robot\$1 same intended same perceived	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:37
S102	307	robot\$1 and intended and perceived not (robot\$1 same intended same perceived) and (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2004/03/10 16:38
S103	206	348/155.ccls.	US-PGPUB; USPAT	OR	OFF	2004/03/11 10:52
S104	9	348/154,155.ccls. and (threshold\$3 near5 binar\$8 near5 (compar\$6 differenc\$6))	US-PGPUB; USPAT	OR	OFF	2004/03/11 11:12
S105	25	348/154,155.ccls. and (threshold\$3 same binar\$8 same (compar\$6 differenc\$6))	US-PGPUB; USPAT	OR	OFF	2004/03/11 12:03

S106	177	"348"/\$.ccls. and (detect\$5 near6 (motion moving)) and (threshold\$3 same binar\$8 same (compar\$6 differenc\$6))	US-PGPUB; USPAT	OR	OFF	2004/03/11 13:07
S107	3	("3603729"   "3580997"   "2597636").PN.	USPAT	OR	OFF	2004/03/11 12:08
S108	14	"3781468".URPN.	USPAT	OR	OFF	2004/03/11 12:09
S109	2	("3781468"   "4090221").PN.	USPAT	OR	OFF	2004/03/11 12:12
S110	8	"4161750".URPN.	USPAT	OR	OFF	2004/03/11 12:13
S111	8	("4460923"   "4698672"   "5091782"   "5231484"   "5253052"   "5293229"   "5325125"   "5379076").PN.	USPAT	OR	OFF	2004/03/11 12:34
S112	11	"5650829".URPN.	USPAT	OR	OFF	2004/03/11 12:36
S113	10	("4992870"   "4999614"   "5027205"   "5091925"   "5103305"   "5134472"   "5402185"   "5404174"   "5420638"   "5436674").PN.	USPAT	OR	OFF	2004/03/11 12:39
S114	8	"5654772".URPN.	USPAT	OR	OFF	2004/03/11 12:41
S115	5	("4625329"   "4783833"   "5366241"   "5528698"   "5987154").PN.	USPAT	OR	OFF	2004/03/11 12:47
S116	1	"2000171250"	JPO	OR	OFF	2004/03/11 13:16
S117	26	("382"/\$.ccls. "348"/\$.ccls.) and (gradient\$1 near3 magnitude\$1) same threshold\$3 and (detect\$6 near4 (motion moving movement))	US-PGPUB; USPAT	OR	OFF	2004/03/11 13:31
S118	5	("5311305"   "5587927"   "5625715"   "5638116"   "5717463").PN.	USPAT	OR	OFF	2004/03/11 13:22
S119	3	("5091967"   "5311305"   "5365603").PN.	USPAT	OR	OFF	2004/03/11 13:24
S120	6	"5587927".URPN.	USPAT	OR	OFF	2004/03/11 13:24
S121	12	("3829614"   "4240101"   "4364089"   "5283839"   "5291563"   "5390133"   "5586202"   "5587927"   "5594813"   "5627586"   "5631975"   "5633946").PN.	USPAT	OR	OFF	2004/03/11 13:25
S122	6	"5883969".URPN.	USPAT	OR	OFF	2004/03/11 13:26
S123	11	("382"/\$.ccls. "348"/\$.ccls.) and (gradient\$1 near3 magnitude\$1) with (difference compar\$7) and (detect\$6 near4 (motion moving movement))	US-PGPUB; USPAT	OR	OFF	2004/03/11 14:03
S124	13	("4090221"   "4240106"   "4249210"   "4275418"   "4291333"   "4307420"   "4352126"   "4361853"   "4485403"   "4498099"   "4539594"   "4546378"   "4605966").PN.	USPAT	OR	OFF	2004/03/11 13:42
S125	21	"4651211".URPN.	USPAT	OR	OFF	2004/03/11 13:44
S126	25	"4853775".URPN.	USPAT	OR	OFF	2004/03/11 13:48
S127	23	"4884136".URPN.	USPAT	OR	OFF	2004/03/11 13:52
S128	15	("4433438"   "4464789"   "4553260"   "4570180"   "4601055"   "4698751"   "4825388"   "4847772"   "4853970"   "4942533"   "5019901"   "5032903"   "5034811"   "5083201"   "5099324").PN.	USPAT	OR	OFF	2004/03/11 13:57

S129	12	"5604821".URPN.	USPAT	OR	OFF	2004/03/11 13:59
S130	6	("4797942"   "4799267"   "5202928"   "5259040"   "5818959"   "6047078").PN.	USPAT	OR	OFF	2004/03/11 14:00
S131	0	"6307959".URPN.	USPAT	OR	OFF	2004/03/11 14:01
S132	65	("382"/\$.ccls. "348"/\$.ccls.) and (optical adj flow\$1).ti,ab.	US-PGPUB; USPAT	OR	OFF	2004/03/11 14:35
S133	10	robot\$1 same (kidnap\$5 steal\$1 stolen)	US-PGPUB; USPAT	OR	OFF	2004/03/11 14:09
S134	116	robot\$1 same (stuck)	US-PGPUB; USPAT	OR	OFF	2004/03/11 14:09
S135	36	robot\$1 near6 (stuck)	US-PGPUB; USPAT	OR	OFF	2004/03/11 14:09
S136	12	(robot\$1 near6 (stuck)) and image\$1	US-PGPUB; USPAT	OR	OFF	2004/03/11 14:09
S137	44	("382"/\$.ccls. "348"/\$.ccls.) and (compar\$6 differenc\$6) near6 ((gradient edge) adj map\$1)	US-PGPUB; USPAT	OR	OFF	2004/03/11 14:50
S138	13	("4987357"   "5008745"   "5027422"   "5140538"   "5150426"   "5212547"   "5387947"   "5396284"   "5469517"   "5530483"   "5581308"   "5586202"   "5594813").PN.	USPAT	OR	OFF	2004/03/11 14:39
S139	4	"5838828".URPN.	USPAT	OR	OFF	2004/03/11 14:40
S140	50	("382"/\$.ccls.) and sobel same edge\$1 same binary	US-PGPUB; USPAT	OR	OFF	2004/03/11 16:06
S141	5	("4625329"   "4783833"   "5366241"   "5528698"   "5987154").PN.	USPAT	OR	OFF	2004/03/18 11:42
S142	0	"6548804".URPN.	USPAT	OR	OFF	2004/03/18 11:43
S143	45	(autonomous adj land adj vehicle\$1) and image\$1	US-PGPUB; USPAT	OR	OFF	2004/03/18 17:31
S144	3	("4148026"   "4162775"   "4270143").PN.	USPAT	OR	OFF	2004/03/18 13:49
S145	12	rover and image\$1 and (stuck stolen kidnap\$5)	US-PGPUB; USPAT	OR	OFF	2004/03/19 14:39
S164	391	@pd>"20040315" and (382/153,104,236. ccls. 180/167.ccls. 318/587.ccls. 348/113, 118,119,154,155.ccls. 700/259.ccls. 701/28. ccls. 901/1.ccls.)	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:33
S165	248	S164 and (robot\$1 mobile vehicle\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/07 12:23
S166	157	S164 and (robot\$1 mobile vehicle\$1).ti,ab.	US-PGPUB; USPAT	OR	OFF	2005/01/07 12:38
S167	601	((autonomous driverless mobile unman\$5) and (robot vehicle automobile rover)).ti.	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:22
S168	149	S167 and camera\$1	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:11
S169	8	("4533998"   "4566032"   "4628453"   "4630109"   "4703429"   "4734863"   "4786164"   "4809178").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/07 12:46
S170	37	("5081585").URPN.	USPAT	OR	OFF	2005/01/07 12:47

S171	11	S168 and (stuck stall\$2)	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:26
S172	5	burl.in. and robot\$1	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:20
S173	9	PIRJANIAN.in. and robot\$1	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:21
S174	11	S167 and (stuck stall\$2) not S171	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:22
S175	8772	((autonomous driverless mobile unman\$5) and (robot vehicle automobile rover)).ti.	EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/01/07 15:26
S176	2387	((autonomous driverless mobile unman\$5) and (robot vehicle automobile rover)).ti.	EPO; JPO; IBM_TDB	OR	OFF	2005/01/07 13:25
S177	343	((autonomous driverless mobile unman\$5) near1 (robot vehicle automobile rover)) and camera\$1	EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/01/07 13:25
S178	2	((autonomous driverless mobile unman\$5) near1 (robot vehicle automobile rover)) and camera\$1 and (stuck stall\$2 trap\$3)	EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/01/07 13:25
S179	5	S168 and (trap\$3)	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:26
S180	957	340/990.ccls.	US-PGPUB; USPAT	OR	OFF	2005/01/07 13:33
S181	5	("4379490"   "4531123"   "4600999"   "4630065"   "4674048").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/07 13:50
S182	41	("4809178").URPN.	USPAT	OR	OFF	2005/01/07 14:10
S183	1	"20040076324".pn.	US-PGPUB; USPAT	OR	OFF	2005/01/07 14:10
S184	136	((autonomous driverless mobile unman\$5) near3 (robot vehicle automobile rover)) with (motion\$1 movement\$1) with detect\$4	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:01
S185	56	((autonomous driverless mobile unman\$5) near3 (robot vehicle automobile rover)) with (motion\$1 movement\$1) near3 detect\$4	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:01
S186	6	("3715572"   "4309758"   "4437533"   "4500970"   "4541060"   "4556940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/07 15:13
S187	23	("4700302").URPN.	USPAT	OR	OFF	2005/01/07 15:15
S188	54170	((autonomous driverless mobile unman\$5) and (robot vehicle automobile rover))	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:27
S189	6496	S188 and (stuck stall\$2 trap\$3)	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:27
S190	2	S188 and (stuck stall\$2 trap\$3) near6 revers\$3 near3 direction	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:25
S191	2	S188 and (stuck stall\$2 trap\$3) near6 chang\$3 near3 direction	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:25
S192	1032	S188 and (stuck stalls stalled)	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:26

S193	258	S188 and (stuck stalls stalled) same (robot vehicle rover)	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:26
S194	10677	((autonomous driverless unman\$5) and (robot vehicle rover))	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:26
S195	8725	((autonomous driverless mobile unman\$5) near2 (robot vehicle automobile rover))	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:27
S196	717	S195 and (stuck stall\$2 trap\$3)	US-PGPUB; USPAT	OR	OFF	2005/01/07 15:27
S197	257	S195 and (stuck stall\$2 trap\$3) same (robot vehicle automobile rover)	US-PGPUB; USPAT	OR	OFF	2005/01/07 16:04
S198	0	robot near6 stuck with (reversing reverse change\$1 changing backward\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/07 16:05
S199	23	robot near6 stationary with (reversing reverse change\$1 changing backward\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/07 16:06
S200	7	robot near6 (stuck stall\$3 trap\$4 impeded\$3 stationary motionless still) with (((revers\$3 chang\$3) near2 direction\$1) backward\$2)	US-PGPUB; USPAT	OR	OFF	2005/01/07 16:15
S201	373	vehicle near6 (stuck stall\$3 trap\$4 impeded\$3 stationary motionless still) with (((revers\$3 chang\$3) near2 direction\$1) backward\$2)	US-PGPUB; USPAT	OR	OFF	2005/01/07 16:16
S202	0	rover near6 (stuck stall\$3 trap\$4 impeded\$3 stationary motionless still) with (((revers\$3 chang\$3) near2 direction\$1) backward\$2)	US-PGPUB; USPAT	OR	OFF	2005/01/07 16:16
S203	0	(mobile adj vehicle) near6 (stuck stall\$3 trap\$4 impeded\$3 stationary motionless still) with (((revers\$3 chang\$3) near2 direction\$1) backward\$2)	US-PGPUB; USPAT	OR	OFF	2005/01/07 16:16
S204	299	((movement\$1 motion\$1) with (robot\$1 rover\$1 vehicle\$1)).ti.ab. and (driverless unmanned autonomous)	US-PGPUB; USPAT	OR	OFF	2005/01/10 11:57
S205	215	((movement\$1 motion\$1) with (robot\$1 rover\$1 vehicle\$1)).ti.ab. and (driverless unmanned autonomous) and (stopped stalled stuck stationary forward\$1 backward\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/10 11:58
S206	20	("2770074"   "3952361"   "4674048"   "4707297"   "5109566"   "5144715"   "5277839"   "5293955"   "5451135"   "5815880"   "5903124"   "5942869"   "5974347"   "5995884"   "6076025"   "6076226"   "6076227"   "6119057"   "6338013").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/10 12:08
S207	348	318/568.12.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/10 12:10
S208	284	S207 and (stuck stall\$2 motionless stationary moving)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/10 12:11
S209	79	S207 and (stuck stall\$2 motionless stationary)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/10 12:11

S210	29	("20010047231"   "4674048"   "4962453"   "5086535"   "5109566"   "5204814"   "5284522"   "5321614"   "5341540"   "5548511"   "5682313"   "5867800"   "5935179"   "5940927"   "5942869"   "6076025"   "6076226"   "6240342"   "6327741"   "6370453"   "6389329"   "6459955"   "6463368"   "6481515"   "6493612"   "6493613"   "6574536"   "6605156"   "6615108").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/10 13:33
S211	9	("4119900"   "4674048"   "4700427"   "4860209"   "4962453"   "5001635"   "5032775"   "5204814"   "5229941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/10 13:35
S212	7	("4361202"   "4438422"   "4447801"   "4465155"   "4477184"   "4530056"   "4556940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/18 13:49
S213	27	("4860209").URPN.	USPAT	OR	OFF	2005/01/18 13:54
S214	670	701/23.ccls.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:54
S215	236	701/24.ccls.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:55
S216	58	701/27.ccls.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:55
S217	138	701/26.ccls.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:55
S218	234	701/25.ccls.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:56
S219	288	(S214 S215 S216 S217 S218) and camera\$1	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:56
S220	38	(S214 S215 S216 S217 S218) and camera\$1.ti,ab.	US-PGPUB; USPAT	OR	OFF	2005/01/18 13:56
S221	6	("5663879").URPN.	USPAT	OR	OFF	2005/01/18 14:04
S222	22	("3617962"   "4481568"   "4482968"   "4525784"   "4570227"   "4626995"   "4700302"   "4700306"   "4764873"   "4779203"   "4796189"   "4817000"   "4846297"   "4860209"   "4875172"   "4879658"   "4939651"   "5083256"   "5103305"   "5154248"   "5229941"   "5375059").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/18 14:06
S223	29	("4868752").URPN.	USPAT	OR	OFF	2005/01/18 14:16
S224	17	("5040116").URPN.	USPAT	OR	OFF	2005/01/18 14:16

S225	37	("3187185"   "3590258"   "3610754"   "3625618"   "3773422"   "4119900"   "4188544"   "4335962"   "4530057"   "4558215"   "4575304"   "4584704"   "4611292"   "4620285"   "4627511"   "4653316"   "4658385"   "4668859"   "4687326"   "4706195"   "4716298"   "4729660"   "4751658"   "4790402"   "4817000"   "4819169"   "4843565"   "4847774"   "4849679"   "4849731"   "4851661"   "4868752"   "4891762"   "4905151"   "4933864"   "4947094").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/18 14:18
S226	0	("6272237").URPN.	USPAT	OR	OFF	2005/01/18 14:22
S227	6	("4868752"   "5307419"   "5386285"   "5410346"   "5486819"   "5535144").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/18 14:22
S228	6	("4119900"   "4556940"   "4628454"   "4674048"   "4782447"   "4817000").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/18 14:25
S229	29	("5001635").URPN.	USPAT	OR	OFF	2005/01/18 14:26
S230	1	("5155683").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/18 14:55
S231	2	("6321147").URPN.	USPAT	OR	OFF	2005/01/18 14:56
S232	19	("4628453").URPN.	USPAT	OR	OFF	2005/01/19 12:30
S233	16	("4962453").URPN.	USPAT	OR	OFF	2005/01/19 12:31
S234	15	("4652803").URPN.	USPAT	OR	OFF	2005/01/19 12:37
S235	7	("4014000"   "4146924"   "4380696"   "4458321"   "4486775"   "4504970"   "4611347").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:52
S236	177	446/7.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:53
S237	5	S236 and (camera\$1 video\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:53
S238	261	446/230.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:53
S239	2	S238 and (camera\$1 video\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:54
S240	123	"446"/\$.ccls. and robot\$1.ti,ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:54
S241	25	S240 and (camera\$1 video\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:57
S242	1	"20040076324".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 12:57

S243	1020	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti,ab.	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:39
S244	208	S243 and (camera\$1 video\$1 image\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 13:00
S245	13	("4695156"   "4695959"   "5552787"   "5699117"   "5748242"   "5852706"   "5867221"   "5978029"   "5987488"   "5990955"   "6091770"   "6141434"   "6285930").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:05
S246	6	("5400244"   "5440216"   "5545960"   "5548511"   "5717484"   "5720077").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:11
S247	4	("6142252").URPN.	USPAT	OR	OFF	2005/01/23 13:12
S248	1	("4942539").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:18
S249	10	("5499306").URPN.	USPAT	OR	OFF	2005/01/23 13:18
S250	9	("4809175"   "4819169"   "4862047"   "4926346"   "4933864"   "4958288"   "4970653"   "5005133"   "5081585").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:21
S251	6	("5249126").URPN.	USPAT	OR	OFF	2005/01/23 13:32
S252	61	agv.ti,ab.	US-PGPUB; USPAT	OR	OFF	2005/01/23 13:33
S253	2	(agv and (image\$1 camera\$1 video\$1)).ti, ab.	US-PGPUB; USPAT	OR	OFF	2005/01/23 13:33
S254	13	("4090221"   "4240106"   "4249210"   "4275418"   "4291333"   "4307420"   "4352126"   "4361853"   "4485403"   "4498099"   "4539594"   "4546378"   "4605966").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:35
S255	22	("4651211").URPN.	USPAT	OR	OFF	2005/01/23 13:36
S256	29	("4868752").URPN.	USPAT	OR	OFF	2005/01/23 13:42
S257	12	("4473787"   "4780817"   "4802096"   "4920520"   "5036935"   "5179329"   "5220263"   "5280431"   "5283739"   "5434490"   "5488277"   "5548511").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:46
S258	10	("5652489").URPN.	USPAT	OR	OFF	2005/01/23 13:47
S259	7	("4123778"   "5144373"   "5151609"   "5227973"   "5231443"   "5365597"   "5550602").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:50
S260	12	("5793900").URPN.	USPAT	OR	OFF	2005/01/23 13:51
S261	5	("4625329"   "4783833"   "5366241"   "5528698"   "5987154").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/23 13:56
S262	0	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti,ab. and ("not" adj respon\$6)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:15



S263	2	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti,ab. and (unrespon\$6)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:22
S264	135	(robot vehicle automobile rover).ti,ab. and (unrespon\$6)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:16
S265	20	(robot vehicle automobile rover).ti,ab. and (unrespon\$6) and (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:18
S266	1869	(robot vehicle automobile rover).ti,ab. and (stolen)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:19
S267	349	(robot vehicle automobile rover).ti,ab. and (stolen) and (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:21
S268	78	(robot vehicle automobile rover) same (stolen) same (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:19
S269	90	(robot vehicle automobile rover).ti,ab. and (stolen) and (camera\$1 video\$1).ti,ab.	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:21
S270	4	(robot vehicle automobile rover).ti,ab. and (stolen).ti,ab. and (camera\$1 video\$1).ti,ab.	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:21
S271	42	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)) and stolen	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:22
S272	2	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti,ab. and mismatch	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:24
S273	68	("4638445").URPN.	USPAT	OR	OFF	2005/01/23 15:24
S274	18	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti,ab. and (stopped same moving)	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:34
S275	16	("5446445").URPN.	USPAT	OR	OFF	2005/01/23 15:38
S276	1	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti,ab. and thief	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:40
S277	0	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti,ab. and hijack\$8	US-PGPUB; USPAT	OR	OFF	2005/01/23 15:41
S278	6	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)) and hijack\$8	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:04
S279	10	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)) and kidnap\$6	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:06
S280	36	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)) and seiz\$6	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:08

S281	371	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)) same lift\$4	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:10
S282	106	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)) near6 lift\$4	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:09
S283	347	((autonomous driverless operatorless unman\$5 (self adj (prop\$6 nav\$9))) near2 (robot vehicle automobile rover)).ti.ab. and lift\$4	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:10
S284	131	S281 and S283	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:11
S285	17	S284 and (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:12
S286	67	lift\$3 same (robot rover) same (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:14
S287	181	lift\$3 near4 (robot rover) and (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:15
S288	15	lift\$3 near4 (robot rover) same (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:16
S289	61	remov\$3 near4 (robot rover) same (camera\$1 video\$1)	US-PGPUB; USPAT	OR	OFF	2005/01/23 16:16
S290	26	("4853775").URPN.	USPAT	OR	OFF	2005/01/24 08:24
S291	12	("20010017889"   "4838685"   "4853775"   "5214751"   "5703650"   "5943099"   "6057892"   "6069670"   "6101276"   "6108047"   "6118475"   "6304604").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/24 08:27
S292	6	("4232338"   "4496972"   "4677476"   "4710809"   "4710812"   "4769826").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/24 08:28
S293	2	("4628453"   "4951140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/24 08:33
S294	13	("4987357"   "5008745"   "5027422"   "5140538"   "5150426"   "5212547"   "5387947"   "5396284"   "5469517"   "5530483"   "5581308"   "5586202"   "5594813").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/24 08:42
S295	8	("4488174"   "4546385"   "4656507"   "4847677"   "4884136"   "5153719"   "5251028"   "5282255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/24 08:45
S296	13	("5387947").URPN.	USPAT	OR	OFF	2005/01/24 08:45
S297	30	(robot\$1 vehicle\$1) near6 (knocked adj over)	US-PGPUB; USPAT	OR	OFF	2005/02/08 10:52
S298	715	(robot\$1) near6 ("picked up")	US-PGPUB; USPAT	OR	OFF	2005/02/08 10:53
S299	79	(robot\$1) near6 ("picked up") same (image\$1 video\$1 camera\$1)	US-PGPUB; USPAT	OR	OFF	2005/02/08 10:54

S300	5	(robot\$1) near6 ("picked up") same (image\$1 video\$1 camera\$1) and navigat\$6	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:00
S301	15	("1103250"   "4777416"   "5220263"   "5440216"   "5466181"   "5869910"   "5892350"   "5995884"   "6030229"   "6074230"   "6429016"   "6453055"   "6456728"   "6480761").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/08 11:03
S302	21	("5440216").URPN.	USPAT	OR	OFF	2005/02/08 11:04
S303	79	318/587.ccls. and (camera\$1)	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:06
S304	131	robot\$1 and \$2tangl\$3 and camera\$1	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:45
S305	471	701/210.ccls.	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:13
S306	39	701/210.ccls. and camera\$1	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:13
S307	17	("5220508").URPN.	USPAT	OR	OFF	2005/02/08 11:13
S308	13	("5706355").URPN.	USPAT	OR	OFF	2005/02/08 11:15
S309	11	("4630109"   "4797738"   "4926346"   "4970653"   "5122957"   "5172423"   "5220508"   "5247583"   "5301239"   "5307419"   "5535314").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/08 11:16
S310	11	("4986384"   "5111401"   "5170352"   "5179329"   "5515286"   "5566288"   "5570285"   "5587929"   "5612116"   "5612883"   "5680313").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/08 11:21
S311	25	("4307791"   "4530056"   "4541049"   "4566032"   "4593238"   "4593239"   "4626995"   "4727492"   "4772875"   "4773018"   "4777601"   "4780817"   "4790402"   "4802096"   "4811228"   "4811229"   "4817000"   "4821192"   "4846297"   "4857912"   "4858132"   "4860209"   "4862373"   "4954962"   "4982329").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/08 11:22
S312	45	("5111401").URPN.	USPAT	OR	OFF	2005/02/08 11:26
S313	14	S312 and camera\$1	USPAT	OR	OFF	2005/02/08 11:26
S314	7	("4119900"   "4556940"   "4628454"   "4674048"   "4782447"   "4817000"   "5001635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/08 11:35
S315	5	("6374157").URPN.	USPAT	OR	OFF	2005/02/08 11:36
S316	14	robot\$1 with \$2tangl\$3 and camera\$1	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:47
S317	37	robot\$1 with stuck and camera\$1	US-PGPUB; USPAT	OR	OFF	2005/02/08 11:47
S318	68	"382"/\$.ccls. and direction\$2 near6 gradient\$1 near6 filter\$3	US-PGPUB; USPAT	OR	OFF	2005/02/11 11:23
S319	325	"382"/\$.ccls. and (smooth\$3 lowpass\$3 (low adj pass\$3)) near6 gaussian near6 filter\$3	US-PGPUB; USPAT	OR	OFF	2005/02/11 11:34

S320	211	"382"/\$.ccls. and (smooth\$3 lowpass\$3 (low adj pass\$3)) near3 gaussian near3 filter\$3	US-PGPUB; USPAT	OR	OFF	2005/02/11 11:35
S321	49	"382"/\$.ccls. and (smooth\$3 lowpass\$3 (low adj pass\$3)) near6 gradient near6 filter\$3	US-PGPUB; USPAT	OR	OFF	2005/02/11 11:35
S322	165	"382"/\$.ccls. and (smooth\$3 lowpass\$3 (low adj pass\$3)) near2 gaussian near2 filter\$3	US-PGPUB; USPAT	OR	OFF	2005/02/11 11:35
S323	26	("4700301"   "4754402"   "4811228"   "4847769"   "4939650"   "4939651"   "4940925"   "4962453"   "4986384"   "4987540"   "5051906"   "5109566"   "5111401"   "5220263"   "5276618"   "5305217"   "5321614"   "5341540"   "5448479"   "5467273"   "5483455"   "5543789"   "5548296"   "5548511"   "5570285"   "5749058").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/11 13:14
S324	20	("5995884").URPN.	USPAT	OR	OFF	2005/02/11 13:18
S325	317	(vehicle robot) near3 lift\$3 and camera	US-PGPUB; USPAT	OR	OFF	2005/02/13 20:04
S326	118	(robot) near3 lift\$3 and camera	US-PGPUB; USPAT	OR	OFF	2005/02/13 20:04
S327	169	(driverless unmanned autonomous agv self vacuum clean\$3) same (robot\$1 vehicle\$1) and (robot vehicle) near4 lift\$3 and camera	US-PGPUB; USPAT	OR	OFF	2005/02/13 20:08
S328	117	(driverless unmanned autonomous agv self vacuum clean\$3) same (robot\$1 vehicle\$1) and (robot vehicle) near4 lift\$3 and camera not (fork\$6 wafer\$1)	US-PGPUB; USPAT	OR	OFF	2005/02/13 20:21
S329	10	((("6711293") or ("5111401") or ("5321614") or ("5525882") or ("6005610") or ("6269763") or ("6459955") or ("6496754") or ("20030030398") or ("20030025472"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/13 20:22
S330	14	("4674048"   "5051906"   "5109566"   "5377106"   "5787545"   "5793934"   "5896618"   "5940930"   "5995884"   "6058561"   "6076025"   "6119057"   "6195835"   "6338013").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/13 20:38
S331	164	(vehicle\$1 robot\$1) and kidnap\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/13 20:38
S332	74	(vehicle\$1 robot\$1) same kidnap\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/13 20:57
S333	35	S332 and (camera\$1 image\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/13 20:39
S334	7	(davison near2 andrew).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/13 21:10

S335	7	kidnap\$6 near1 robot\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/13 21:22
S336	2	((("5751858") or ("6307959"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/13 21:23
S337	1	("5751838").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/13 21:24
S338	49	robot\$1 same mismatch\$4	US-PGPUB; USPAT	OR	OFF	2005/02/13 21:25
S339	3	(wang and brady).in.	US-PGPUB; USPAT	OR	OFF	2005/02/14 17:35
S340	65	robot\$1 and slam	US-PGPUB; USPAT	OR	OFF	2005/02/14 17:46
S341	838	robot\$1 near5 (slip\$1 slipping slide\$1 sliding)	US-PGPUB; USPAT	OR	OFF	2005/02/14 17:57
S342	9	robot\$1 near5 (knock\$2)	US-PGPUB; USPAT	OR	OFF	2005/02/14 17:59
S343	24	robot\$1 near5 (fallen)	US-PGPUB; USPAT	OR	OFF	2005/02/14 17:59